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392CLASSIFICATION ~~CONFIDENTIAL~~COUNTRY Soviet Zone of Germany 25X1 REPORT NO. 25X1TOPIC Delivery of Three Special Transmitters to the Soviets in BERLINEVALUATION 25X1 PLACE OBTAINED 25X1DATE OF CONTENT 1947DATE OBTAINED 25X1 DATE PREPARED 8 December 1949REFERENCES 25X1PAGES 2 ENCLOSURES (NO. & TYPE)REMARKS Report could not be forwarded earlier due to the personnel shortage

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The Soviet Technical Office No. 11, An der Wuhlheide 229, BERLIN-KOEPENICK, approached an electrotechnical firm in the American Sector of BERLIN in May 1946 to place an order for the construction of three transmitters and 110 sets of relay boxes (440 separate boxes) with 110 fixing brackets.

## 1. Transmitters

a. The transmitter in question exactly corresponded to the sender KEHL used by the German Air Force at the time, for which all original technical data and documents of the Telefunken Firm, BERLIN, were available.

b. Frequencies: 20 different permanent frequencies could be switched in by screwing in threaded tourmalines of the Carl Zeiss Firm, JENA.

c. Frequency range: 25 megacycles, the space between the various frequencies being 50 kilocycles, viz. 25.00, 25.05, 25.1 etc. Transmitting power about 50 Watt, about 90 Watt top mark.

d. Tubes (valves): 4 times LS 50.

2. Former manufacturer of these transmitters: Noeckel Firm on Kantstrasse, BERLIN-CHARLOTTENBURG.

3. These three transmitters were delivered by a go-between.

these transmitters are for ground-controlled rockets which were to be used against aircraft formations. Trials made near LEIPZIG from 1944 to 1945.

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4. Elaboration: By EB,16 of the Telefunken Firm, BERLIN, Graduate Engineer KÜHL, now in the Soviet Union with many other Telefunken engineers.
5. Former producers of the transmitter: Stasofarter Rundfunkgesellschaft.\* Receiver was also adjustable with 20 different tonalities. \*in STASOFUR.
6. Former producer of modulating device: Opta GmbH, LEIPZIG. This gear had four modulation frequencies for the four orders: Taking aim, pushing, right, left. The relay boxes ordered will probably be used in the bodies of the rockets for the execution of these four orders.

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Comment:

This report supplements information on Soviet orders for the re-building of the AA rockets Schmetterling and Wasserfall \*, for which the orders were placed by the Scientific-Technical Department of MSP of the Soviet Union, 154/158 Wendenschlossstrasse, BERLIN KOLPOVNIK.

The three transmitters Kehl, mentioned in the present report, as well as the 110 relay boxes are in connection with the order for 101 control sets for AA rocket Schmetterling \*\* which has been carried out.

It could not be learned where graduate Engineer KÜHL of the Telefunken Firm is now living in Soviet Russia.

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